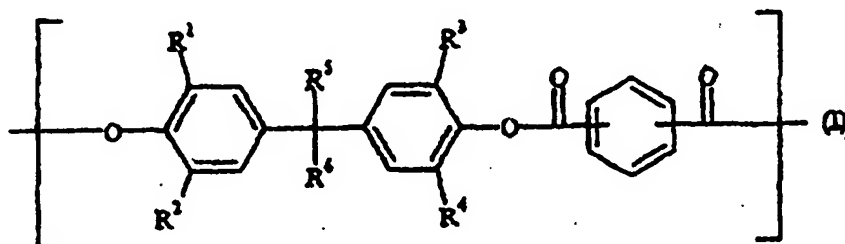


### Amendments To The Claims

This Listing Of Claims will replace all prior versions, and listings, of claims in this application:

#### Listing Of Claims:

Claim 1 (Currently Amended): A thermoformed diaphragm made of cast of polyarylate film, at least comprising one polyarylate having a structural unit of the formula:



wherein where each of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup>, independently of the others, is hydrogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, or halogen, and each of R<sup>5</sup> and R<sup>6</sup>, independently of the other, is hydrogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, phenyl, or halogen, where the cast polyarylate films are produced from polyarylate cast solutions which contain:

(i) a nonionic polyol surfactant selected from the group consisting of poly(ethylene glycol), poly(propylene glycol) and poly(tetramethylene oxide), utilized as homopolymer, copolymer, block polymer, or a mixture thereof, dissolved as a mixture with a dye,

or

(ii) said nonionic polyol surfactant,

each of (i) and (ii) can comprise other additives.

Claim 2 (Previously Presented): The thermoformed diaphragm as claimed in claim 1, wherein  $R^1 = R^2$  and  $R^3 = R^4$ , and each, independently of the others, is hydrogen or  $C_{1-4}$ -alkyl.

Claim 3 (Previously Presented): The thermoformed diaphragm as claimed in claim 2, wherein  $R^1 = R^2$  and  $R^3 = R^4$ , and are each hydrogen or  $C_{1-4}$ -alkyl.

Claim 4 (Previously Presented): The thermoformed diaphragm as claimed in claim 1, wherein each of  $R^5$  and  $R^6$ , independently of the other is  $C_{1-4}$ -alkyl.

Claim 5 (Previously Presented): The thermoformed diaphragm as claimed in claim 4 has a thickness of from 5 to 200  $\mu\text{m}$ .

Claim 6 (Previously Presented): A process comprising utilizing the thermoformed diaphragms as claimed in claim 5 as diaphragms for acoustic transducers for acoustic applications.

Claim 7 (Previously Presented): The process as claimed in claim 6 in microphone capsules, mobile telephones, hands-free systems, radio sets, hearing devices, headphones, microradios, computers, PDAs, and/or signal generators.

Claims 8 to 19 Cancelled).

Claim 20 (Previously Presented): The thermoformed diaphragm as claimed in Claim 4, wherein each of  $R^5$  and  $R^6$  is methyl.

Claim 21 (Previously Presented): The thermoformed diaphragm as claimed in claim 3, wherein each of  $R^5$  and  $R^6$ , independently of the other, is  $C_{1-4}$ -alkyl.

Claim 22 (Previously Presented): The thermoformed diaphragm as claimed in claim 5 has a thickness of 5 to 100  $\mu\text{m}$ .

Claim 23 (Previously Presented): The thermoformed diaphragm as claimed in claim 1 has a thickness of from 5 to 200  $\mu\text{m}$ .

Claim 24 (Previously Presented): The process as claimed in claim 5, wherein the thermoformed diaphragms are utilized as microphone diaphragms and/or loudspeaker diaphragms.

Claim 25 (Previously Presented): The process comprising utilizing the thermoformed diaphragms as claimed in claim 1 as diaphragms for acoustic transducers for acoustic applications.

Claims 26 to 34 (Cancelled).

Claim 35 (Currently Amended): The thermoformed diaphragm as claimed in Claim 1, wherein  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$   $[[R^3]]$  are each hydrogen and  $[[R^4 \text{ and}]] R^5$  and  $R^6$  are each methyl.

Claim 36 (Currently Amended): The thermoformed diaphragm as claimed in claim Claim 1, ~~that also includes additives that~~ wherein the dye is a dye from the group consisting of "C.I. Solvent Yellow 93", "C.I. Solvent Yellow 16" ~~or~~ and "C.I. Solvent Orange 107", ~~and/or non-ionic and water-soluble polyoxyalkylenes.~~